BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of Work :- Detailed Estimate for:-Annual Maintenance and repairs of street lights in ward no 01 Package Y -01 of Yelahanka Zone.

Budget Head .....

Division No..... Estimate No. ..... For Rs.= **Est cost Rs.** 3784700.00

Sl No	SR Page No	Description of Work	Unit	Qty	Rate Per Year Rs. Ps.	Amount
1	AR Vide No SE (Ele) PR/676/2021-22, Dated: 7/12/2021	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below. i) Poles with 36/40 W fluorescent tube light street lighting system.	Each	15	685.45	10281.75
2	AR Vide No SE (Ele) PR/676/2021-22, Dated: 7/12/2021	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below. Poles with 125 W HPMV light Park lighting system.	Each	1	756.29	756.29
3	AR Vide No SE (Ele) PR/676/2021-22, Dated: 7/12/2021	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below. Poles with 250W HPSV light street lighting system/High Mast lighting system.	Each	1483	1019.41	1511785.03
4	AR Vide No SE (Ele) PR/676/2021-22, Dated: 7/12/2021	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below. Poles with 400 watts HPSV light street lighting system.	Each	120	1118.08	134169.60

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
(ವಿದ್ಯುತ್) ಯಲಹಂಕ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

(3)

5	AR Vide No SE (Ele) PR/676/2021-22, Dated: 7/12/2021	Operation and Maintenance of LED Street lighting system including replacement of damaged/failed/fused out compnents like LED drivers MCPCB protective surge protective device switches, Wires Holders, Staters observing weather proofing technic confirming to IP 65 standards and switching ON/OFF of Street lights at specified timing and pole numbering. Preparing ward wise Street wise Street light data bank furnishing maintenance reports every day etc.., complete so as to ansure efficient burning of Street lights detailed in Tender documents for 24 watt LED park lighting system.	Each	1	880.01	880.01
6	AR Vide No SE (Ele) PR/676/2021-22, Dated: 7/12/2021	Operation and Maintenance of LED Street lighting system including replacement of damaged/failed/fused out compnents like LED drivers MCPCB protective surge protective device switches, Wires Holders, Staters observing weather proofing technic confirming to IP 65 standards and switching ON/OFF of Street lights at specified timing and pole numbering. Preparing ward wise Street wise Street light data bank furnishing maintenance reports every day etc.., complete so as to ansure efficient burning of Street lights detailed in Tender documents for 65 watt LED streetlight lighting system	Each	270	1147.43	309806.10
7	AR Vide No SE (Ele) PR/676/2021-22, Dated: 7/12/2021	Operation and Maintenance of LED Street lighting system including replacement of damaged/failed/fused out compnents like LED drivers MCPCB protective surge protective device switches, Wires Holders, Staters observing weather proofing technic confirming to IP 65 standards and switching ON/OFF of Street lights at specified timing and pole numbering. Preparing ward wise Street wise Street light data bank furnishing maintenance reports every day etc.., complete so as to ansure efficient burning of Street lights detailed in Tender documents for 90 watt LED streetlight lighting system	Each	1166	1377.66	1606351.56
8	AR Vide No SE (Ele) PR/676/2021-22, Dated: 7/12/2021	Operation and Maintenance of LED Street lighting system including replacement of damaged/failed/fused out compnents like LED drivers MCPCB protective surge protective device switches, Wires Holders, Staters observing weather proofing technic confirming to IP 65 standards and switching ON/OFF of Street lights at specified timing and pole numbering. Preparing ward wise Street wise Street light data bank furnishing maintenance reports every day etc.., complete so as to ansure efficient burning of Street lights detailed in Tender documents for 110/120 watt LED streetlight lighting system	Each	1	1575.5	1575.50
9	AR Vide No SE (Ele) PR/676/2021-22, Dated: 7/12/2021	Operation and Maintenance of LED Street lighting system including replacement of damaged/failed/fused out compnents like LED drivers MCPCB protective surge protective device switches, Wires Holders, Staters observing weather proofing technic confirming to IP 65 standards and switching ON/OFF of Street lights at specified timing and pole numbering. Preparing ward wise Street wise Street light data bank furnishing maintenance reports every day etc.., complete so as to ansure efficient burning of Street lights detailed in Tender documents for 150 watt LED street light /High mast lighting system	Each	1	1871.51	1871.51

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ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

10	72/ 13.17.3	Work to be carried out as per requirment & actuals and as per the directions of the in charge engineer Painting of existing Street lighting pole after scraping the oid paint and painted with suitable colour enamel/silver paint including copingflooting of the polec) 8 Mtr and above Street light pole	Nos	141	770.00	108570.00
11	26/ 5.13.4	Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947.100 to 125Amps	Nos	6	7200	43200.00
12	32/ 5.48	Supplying and fixing Microprocessor Based Astronomical timer Switch with using necessary bolts, nuts and washers.	Each	6	4030.00	24180.00
13	27/ 5.17.3	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 50-63 Amps SP	Each	12	723.00	8676.00
		Total				**3762103.35**
		GST 12% ITEM 10 to 13		184626.00		22155.12
		Misleniuos				441.53
		Grand Total Rs				**3784700.00**

CERTIFICATE

1. The Place was inspected and work is essential
2. The Provision made in the estimate is adequate and are necessary.
3. The Work comes in the BBMP limit and is legitimate charges on the Corporation Funds.
4. The rates in the Estimate is based on KPWD Electrical SR 2019-20 and approved rates
5. The Above work is not taken up in any previous Grants.

Asst. Engineer (Elec)

Asst. Exe.Engineer (Elec)
Sub-Division No.
Bruhat Bangalore Mahanagara Palike

EXECUTIVE ENGINEER (ELEC)
YELAHANKA DIVISION
BRUHAT BANGALORE MAHANAGARA PALIKE

Administrative Sanction for Rs. 37.84 Lakhs
Thirty Seven Lakhs Eighty
Four Thousand Seven Hundred Only
is accorded under head P-0300
Registered as EE No. 19 Subject
to conditions contained in enclosed memo
No. 19 / 2021 - 22
Executive Engineer

Rs Rs 37,84,700.00/-
Thirty seven Lakh eighty
four thousand seven hundred only.
accorded under head P-0300 M & R
to street lights
Registered at SE (Ele) No. SE/EE/PR/702/21-22 subject
to conditions contained in enclosed memo
No. 36 Date: 9/12/21
SE/TS/36/2021-22